

Converting Colors

Android(4281303920)

Have a look what the booklet for
Android(4281303920) contains.

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Color

Android(4281303920)

Conversions

Conversions Part 1

Format	Color
Hex	2F8370
RGB	47, 131, 112
RGB Percent	18%, 51%, 44%
CMY	0.8157, 0.4863, 0.5608
CMYK	0.64, 0.00, 0.15, 0.49
HSL	166°, 47%, 35%
HSV	166°, 64%, 51%
XYZ	12.2132, 18.0068, 18.1612
YIQ	103.7180, -43.9650, -23.7170

Conversions

Conversions Part 2

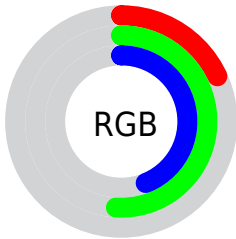
Format	Color
RYB	47, 94, 131
Decimal	3113840
CIELab	49.50, -30.04, 2.85
CIElCh	50, 30.171, 174.587
Yxy	18.0068, 0.2524, 0.3722
Android (android.graphics.Color)	4281303920 (0xFF2F8370)
YUV	103.7180, 4.0830, -49.7417
Hunter-Lab	42.4344, -22.8854, 4.3290

Details

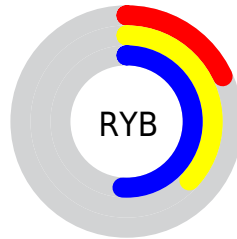
The Android color `4281303920` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4286787394`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284987812`, and `4278210880` is the 20% darker color. If you saturate the color by 10%, you get `4280451949`, and if you desaturate by 10%, it is `4282155891`.

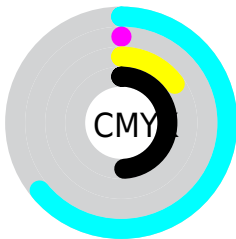
Distribution



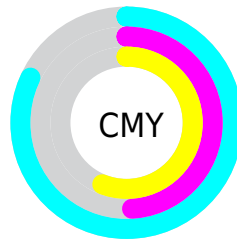
- Red (18%)
- Green (51%)
- Blue (44%)



- Red (18%)
- Yellow (37%)
- Blue (51%)



- Cyan (64%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (82%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281303920 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4281303920 by changing the saturation by 10% instead.

 4281303920

 4281303920

4294967295

 4278872408

 4284987812

 4278210880

 4286764223

 4278204714

 4288606683


 4278199318

 4290445303

 4278190080

 4292345855

 4294246399

 4281303920

 4281303920

 4280451949

 4282155891

■ 4279599978

■ 4283007862

■ 4278748007

■ 4283859833

■ 4278223717

■ 4284711804

■ 4285629311

■ 4286481282

■ 4287333253

■ 4288185224

■ 4289037195

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4283662423



4281303920



4278223754

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281303920



4285690276



4288571981

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4281303920



4286787394

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4289160034



4281303920



4287719572

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4281303920



4282874536



4288963195



4287263554

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4281303920



4278223257



4288963195



4288833363

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4281303920



4287277988



4282614575



4282603346



4292269782



4283914071

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4281303920



4280789901



4281298307



4282139201



4278223461



4278190850

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4286787394



4289406789



4286793007



4282530877



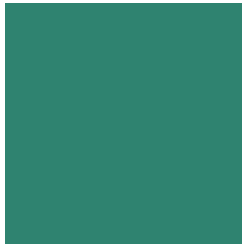
4286709789



4278386689

Previews

White Background



This preview shows how the Android color 4281303920 looks on a white background.

Color Contrast Check

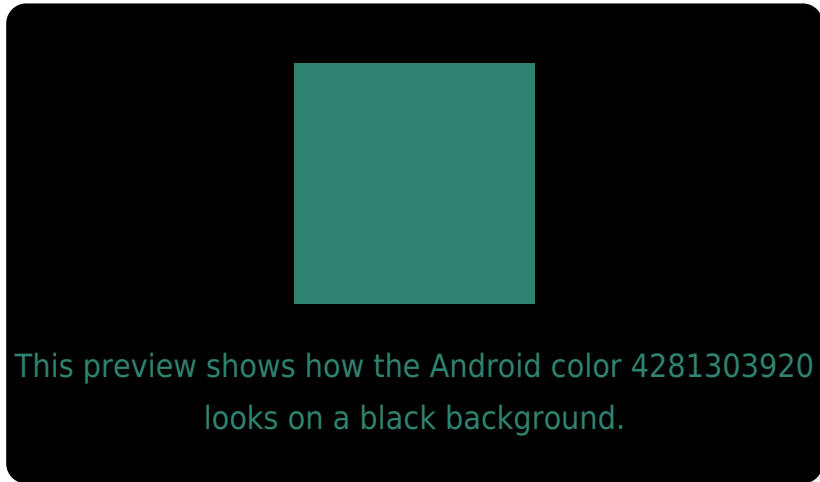
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281303920 Background



This preview shows how black text looks on a background with the Android color 4281303920.

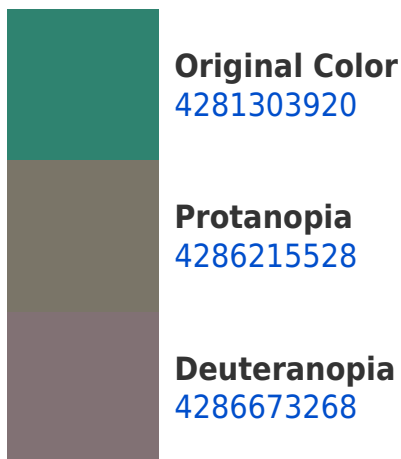


This preview shows how white text looks on a background with the Android color 4281303920.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
4281303920

Protanomaly
4284447339

Deuteranomaly
4284708979

Tritanomaly
4281761921

Monochromacy



Original Color
4281303920

Achromatopsia
4285032552

Achromatomaly
4283658859

CSS Examples

Text

The CSS property to change the color of the text to Android 4281303920 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(47, 131, 112)` looks like.

```
.text, #text, p{  
    color:rgb(47, 131, 112)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(47, 131, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 131, 112) }
```

Border

The CSS property to change the border of an element to Android 4281303920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 131, 112) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(47, 131, 112) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(47, 131, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 131, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 131, 112);  
box-shadow:4px 4px 4px 4px rgb(47, 131,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4281303920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 131, 112) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(47, 131,  
112) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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